

# Budget Request Brief for the 2004-2006 Biennium

*(Submit one form for each request to the Secretary)*

1. Agency name: Virginia Information Technologies Agency 2. Agency code: 136

3. Title of proposal: Server Consolidation Investment to Achieve Savings

4. Priority of this proposal: 8 *Insert a number from 1 to 10, with 1 being highest priority and 10 being lowest*

## 5. Description of proposal

This request is for a small investment in order implement server consolidation in the Data Center using virtual server technology and be prepared for agency server consolidation to the Data Center. The need for agency server consolidation will be driven by obsolescence and growth. The most cost effective method to prepare for these causes is to have a virtual server & storage farm to be able to react effectively. The intent is to drive toward the industry average of a twenty virtual servers to one physical server (20:1).

## 6. Justification/Rationale/Consequences of not funding

There are an estimated 2300+ servers (and increasing) statewide, with a majority reaching obsolescence within the next three years. VITA needs to be able to react swiftly without a physical installation each time. Server consolidation is based on varying degrees of opportunity. Data Center server consolidation would require less equipment for a second Data Center and bring obsolescence replacement to a manageable level and provide the best and fastest technology available, at the same time. Large Servers can be upgraded with little or no interruption in service.

Agency server consolidation can be driven by obsolescence of each server and facilitate the move plan to the Data Center with little or no interruption in service. Without addressing server consolidation with a virtual server platform we can expect the majority of existing 2300 servers to have a 1:1 procurement at a premium of between 50% & 70% hardware costs. Additional costs incurred would support 1) required manpower for installations; 2) manpower for individual server back-up and recovery across the State; 3) support manpower for administration and software deployment; and, 4) individual costs per server associated with incremental upgrades.

## 7. Resource Requirements

Fiscal year	Dollars		Positions	
	GF	NGF	GF	NGF
FY 2005	\$420,000		0	
FY 2006	\$610,000		0	

Approved for detailed submission:

\_\_\_\_\_  
*Signature of Secretary*

\_\_\_\_\_  
*Date*